James W Eke

MEMO BOOK

6207 Newman Rd

1-12-80 to 3-17-'80

40 SHEETS 6 IN. x 4 IN.

Formerly
No. K-4216

Camp Manufacturing
Baltimore, Maryland 21230
Sheaffer Eaton Division of Textron Inc.

0 70742 44522
9G
PEOPLES DRUG
the prescription stores
V020307
.49

Legend

(*) circle means Hawk, asterisk " 1st seen or spec. [after]

✓ Subsequently seen.

✓ means see footnote

(s) singing

(c) calling

♂ male

♀ female

△ seen in triangle

1-12-80 Sat. 32° - 48°

Rain ended last eve = 0.5"

Heavy overcast today - wind NNE, 10-15 mph. - "raw" day.

Bit of weak sun mid aft.

✓ 3 White-crowns	15-20 Doves
4-5 Juncos	4-5 Crows
15-20 White-throats	4-5 Jays
4-5 C. Waxwings	10-15 Grackles
1 Purple Finch	30+ Starlings
20+ Cardinals	10-15 House Sps.
3-4 Mockers	1 Song Sp.
1-2 Flickers	1 C. Wren (s)
2 Red-bellies	4 Goldfinches
3 Downys	4-5 Chickadees
✓ 1 Hairy ♂	4-5 Titmice
✓ 1 Towhee ♀	2 Nuthatches 15
✓ 1 Thrasher	17 14 Herring Gulls

✓1 Gr. Bl. Heron ✓ 12 ? TV's ✓
1 yellow-r.w.
✓ 3 TV's mid-aft. - then at
4:30 P.M., 12 flying together
S-N, low.

1-13-80 Sun. 26° - 34°
Overcast; occ. brief hazy
sun; light breeze, N -
2-5 mph.

✓ 150-175 C. Geese {8:10 A.M. SE-NW} 20+ Doves
2-3 White-crowns 4-5 Crows
6-8 Juncos 5 Jays
15-20 White-throats 30+ Starlings
20+ Cardinals 10-15 House Sps.
3-4 Mockers 1 Song Sp.
1 Pil. Woodpecker 1 C. Wren

(5)

1 Flicker 4 Goldfinches
2 Red-bellies 4-5 Chickadees
3 Downys 4-5 Titmice
1-2 Hairys 2 Nuthatches
1 Herring Gull (*) 2 Red-shoulders
2 Ring-b. Gulls 1 TV

1-14-80 Mon. 33° - 42°
Heavy overcast; very light
drizzle beginning last night - contin-
uing - varying from shower
to mist - light breeze.
About 4:30 P.M., wind NNE,
10-15 mph. - rain = about 0.1"

3 White-crowns 20+ Doves
4-6 Juncos 4-5 Crows
15-20 White-throats 4-5 Jays
8-10 C. Waxwings 30+ Starlings
20+ Cardinals 10-15 House Sps.

3-4 Mockers.
✓ 3 Red-bellies 2♀1♂
3 Downys
1-2 Hairys ♂
1 Herring Gull
1 Flicker
1 Towhee ♀
1 Thrasher

1 Song Sp.
1 C. Wren
4 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
1 TV

1-15-80 Tues. 41° –

Cloudless early; wind NNE, 10-20 mph. Almost total overcast by 10 A.M. – then almost cloudless – back to heavy clouds, then sun – strange day!

✓ #? C. Geese ✓
2-3 White-crowns
6-10 Juncos
15-20 White-throats
12 C. Waxwings

15-20 Doves
7-8 Crows
5-6 Jays
30-50 Starlings
10-15 House Sps.

20+ Cardinals
3-4 Mockers
3 Red-bellies
3 Downys
2-3 Flickers
1 Towhee ♀
(*) 1 Red-shoulder
✓ 11 Ring-b. Gulls
(*) 1 Sharp-shin {N–S high 4:00 PM}

1 Song Sp.
1 C. Wren (S)
4-5 Goldfinches
4-5 Chickadees
4-5 Titmice (S)
2 Nuthatches
2-3 TVs
1 Gr. Bl. Heron
1 Thrasher

✓ Flock of C. Geese of undetermined size, out of sight to west – perhaps Cloverleaf flock.

1-16-80 Wed. 32° – 53°

Scattered wispy clouds; heavy overcast late afternoon; very light variable breezes.

2-3 White-crowns
5-6 Juncos
15-20 White-throats
1 Towhee ♀
2-3 Bluebirds
15-20 Cardinals
3-4 Mockers
1-2 Flickers
3 Red-bellies
3 Downys
1 Hairy ♂
✓ 1 Fish Crow
✓ 2-3 Yellow-r. Ws.
✓ 12-15 C. Waxwings

✓ 15-20 Doves (S)
7-8 Crows
5-6 Jays
30-40 Starlings
10-15 House Sps.
1 Song Sp.
1 C. Wren
4 Goldfinches
4-5 Chickadees
4-5 Titmice (S)
2 Nuthatches
(*) 1 Red-shoulder
2 TVs

1-17-80 Thurs. $30^\circ - 41^\circ$.
Overcast; ~~brief~~ sprinkle about 9:00 AM. — wind 5,10-15 mph, beg. about 11:00 AM. — 5-10 mph in aft.

✓ Robin (in yard)
3 White-crowns Δ
5-6 Juncos Δ
15-20 White-throats Δ
2-3 C. Waxwings
(*) 2 Red-shoulders
1 Towhee ♀ Δ
1 Thrasher Δ
20 Cardinals Δ
3-4 Mockers Δ
1-2 Flickers
3 Red-bellies Δ
3 Downys Δ
✓ 1 Hairy ♂ Δ
1 Pil. Woodpecker

15-20 Doves (3-4 Δ)
7-8 Crows 1 Δ
5-6 Jays Δ
30-40 Starlings 2-3 Δ
10-15 House Sps Δ
1 Song Sp. Δ
1 C. Wren
5 Goldfinches (5 Δ)
4-5 Chickadees Δ
4-5 Titmice Δ
2 Nuthatches
1 Fish Crow
✓ 1 Brown Creeper
1 TV (1-13x)

✓ Brown Creeper on "clothes line" trees - calling & feeding up there.

{Away 10:00 A.M. - 2:00 P.M.; and
{ 3:20 - 4:00 P.M.

1-18-80 Fri. 41° - 42°
Light rain began about 6:00 A.M. - continuing all day - good ~~showers~~ rain 10:00 A.M on to night = about 1.0" rain

2-3 White-crowns	15-20 Doves (S)
5-6 Juncos	5-6 Crows
10-15 White-throats	4-6 Jays
1 Towhee	1-2 Grackles
1 Thrasher	30+ Starlings
15+ Cardinals	10-15 House Sps.
3-4 Mockers	1 Song Sp.
2-3 Red-bellies	1-2 C. Wrens
3 Downys	4-5 Goldfinches
6 Ring-b. Gulls	4-5 Chickadees
1 Pil. Woodpecker	4-5 Titmice
(*) 1 Red-shoulder	2 Nuthatches
1 Hairy	↑ TV

1-19-80 Sat. 36° - 44°
overcast early; clear by 9:30 A.M. Wind NW, 5-15 mph. Rather cloudy again by 11:00 A.M. - then cloudless. Fine day!

2-3 White-crowns	10-15 Doves (S)
4-5 Juncos	5-7 Crows
15-20 White-throats	4-5 Jays
20± Cardinals	30+ Starlings
3-4 Mockers	10-15 House Sps.
2-3 Red-bellies	1 Song Sp.
2-3 Downys	1 C. Wren
15 Ring-b. Gulls	4-5 Goldfinches
✓ 6 Pintails ?✓	4-5 Chickadees
1 Hairy ♂	4-5 Titmice
10-15 C. Waxwings	2 Nuthatches Δ
(*) 1 Red-shoulder	✓ 1 Fish Crow
	1 Towhee

✓ ↓ About 7:20 A.M. — 6 ducks, flying SE-NW, low and fast — from configuration appeared to be Pintails — rather poor light, and no binocs.

1-20-80 Sun. 34° - 45°
Almost cloudless from early A.M. Wind N, 5-15 mph.

2-3 White-crowns 10-15 Doves
4-5 Juncos 6-7 Crows
10-15 White-throats 4-5 Jays
1 Towhee (c) 1-2 Red-wings
1 Thrasher (c) 30+ Starlings
(*) 1 Red-shoulder 10-15 House Sps.
20+ Cardinals 1 Song Sp.

Daffodils just above ground — all along drive.

3-4 Mockers 1 C. Wren
2 Flickers 4-5 Goldfinches
2-3 Red-bellies 4-5 Chickadees
3 Downys 4-5 Titmice
1 Hairy 2 Nuthatches
10 C. Waxwings 1 TV

1-21-80 Mon. 26° - 44°
Cloudless; frost; wind NNE, 5-15 mph. — glorious day — tho' chilly. Scattered clouds around horizon in afternoon

2-3 White-crowns 15+ Doves
4-5 Juncos 4-5 Crows
15-20 White-throats 4-5 Jays
1 Towhee 30+ Starlings
10-12 C. Waxwings 10-15 House Sps.
15-20 Cardinals 1 Song Sp.

3-4 Mockers
2 Flickers
2-3 Red-bellies
3 Downys
1 Hairy
1 Thrasher ✓
(*) 1 Red-shoulder

1 C. Wren (S)
4-5 Goldfinches
4-5 Chickadees (S)
4-5 Titmice (S)
2 Nuthatches (S)
3 Ring-b. Gulls

1-22-80 Tues. 36°-42°
Overcast; light sleet beginning 7:40 A.M. - 10 min. - light rain beg. about 10:00 A.M. - continuing thru day. - trace or 0.1"

2-3 White-crowns
4-5 Juncos
15-20 White-throats
10 C. Waxwings

10-12 Doves
4-5 Crows
4-5 Jays
30+ Starlings

1 Thrasher
20+ Cardinals
3-4 Mockers
1 Pil. Woodpecker
1-2 Flickers
2-3 Red-bellies
2-3 Downys
1 Hairy

10-15 House Sps.
1 Song Sp.
1 C. Wren
3-5 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
1 Towhee

1-23-80 Wed. 38° - 43°
Overcast; mostly clear by 2:00 P.M. Wind NW, 10-30 mph.

2-3 White-crowns
4-5 Juncos
15-20 White-throats
✓ 2 Bluebirds

10-15 Doves
4-5 Crows
4-5 Jays
30+ Starlings

12 C. Waxwings
20+ Cardinals
3-4 Mockers
1 Pil. Woodpecker
1 Flicker (S)
2-3 Red-bellies
3 Downys
15 Herring Gulls
30-40 Ring. b. " {Gower Braddock Rd, nearby

10-15 House Sps.
1 Song Sp.
1 C. Wrens (S)
4-5 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
5 TVs ✓
1 Towhee

✓ 5 TVs in compact flock circling over our front yard, Vazquez' meadow, & Hampshire's meadow.

1-24-80 Thurs. 15° - 30°
Cloudless early - overcast by 1:30. Tiny snow flakes beg. 3:25 P.M. - building up slowly. ~~Wind~~ Wind S, 5-10 mph.

✓ 4 White-crowns ✓
4-5 Juncos
15-20 White-throats
1 Towhee ♀ Δ
1 Thrasher Δ
15-20 ~~12~~ C. Waxwings
20+ Cardinals
3-4 Mockers
1-2 Flickers
2-3 Red-bellies
3 Downys
1 Hairy

10-15 Doves
4-6 Crows
5 Jays
30+ Starlings
10-15 House Sps.
1 Song Sp.
1 C. Wren
4-5 Goldfinches
4-5 Chickadees
5-6 Titmice
2 Nuthatches
(*) 1 Red-shoulder
1 TV

✓ ✓ One Immature White-crown at feeders (scratch), with 3 ad.

1-25-80 Fri. 27° - 37°
Overcast - light powdering of snow on drive & grass - occ. bring sun - wind NNE, 5-10 mph

3 White-crowns	10-15 Doves
4-6 Juncos	4-6 Crows
15-20 White-throats	5 Jays
30+ C. Waxwings	20 Grackles
(x) 1 Red-shoulder	30-40 Starlings
20+ Cardinals	10-15 House Sps.
3-4 Mockers	1 Song Sp.
1 (?) Flicker	1 C. Wren ✓
2-3 Red-bellies	4-5 Goldfinches
3 Downys	4-5 Chickadees
1 Thrasher	5 Titmice
✓ 1 Hairy	2 Nuthatches
1 Towhee	

✓ Spent night in nest-box on side of garage

1-26-80 Sat. 28° –

Few high, thin clouds early; wind N N E, 10-20 m/h. Small, bright "sun-dog" to W of sun 8:15 A.M.

✓ 1 Robin	10-15 Doves (S)
3 White-crowns (S)	4-5 Crows
4-5 Juncos	4-5 Jays
15-20 White-throats (S)	3-4 Grackles
✓ 1 Towhee ♀	40+ Starlings
20+ Cardinals (S)	10-15 House Sps.
3-4 Mockers	1 Song Sp.
1 Flicker	1 C. Wren (S)
2-3 Red-bellies	4-5 Goldfinches
2-3 Downys	4-5 Chickadees (S)
1 Hairy	4-5 Titmice (S)
(x) 1 Sharp-shin ♀	2 Nuthatches (S)
2 Herring Gulls	3 TVs
✓ 3 Ring-b. Gulls	✓ 75-80 C. Waxwings
1 Fish Crow	

1-27-80 Sun. 28° – 35°

Cloudy early; quite a bit of sun to 3:00 P.M. Then very cloudy; Calm all day.

away 10:20 – 2:30 at
Carls home.

3 White-crowns
6-8 Juncos
15-20 White-throats
✓ 2 Bluebirds
10-15 C. Waxwings
20+ Cardinals
3-4 Mockers
? Flicker
3 Red-bellies
3 Downys
✓ 1 Hairy
15-20 Herring Gulls
1 Ring-b. Gull

10-15 Doves
6-7 Crows
4-5 Jays
35-40 Starlings
10-15 House Sps.
1-2 Song Sps.
12-15 C. Wren
4-5 Goldfinches
4-5 Chickadees
4-5 Titmice
✓ 2 Nuthatches
✓ 1-2 Yellow-r. W's.
1 Pil. Woodpecker

✓ 15-20 Herring Gulls
in V formation – to
Landfill.

1 – 28 – 80 Mon. 27° – 40°
Overcast all day; wind mid-morning on NNE, 10-15 mph.

✱ 1 Red-headed Woodpecker ✓
2-3 White-crowns Δ
5-6 Juncos Δ
15-20 White-throats Δ
1 Towhee ♀ Δ
10-15 C. Waxwings
⊛ 1 Red-shoulder
1 Pil. Woodpecker
3 Red-bellies
2-3 Downys
1 Hairy
✓ 2 Bluebirds in Yard
5 Herring Gulls
1 Flicker

10-15 Doves ✓
6-7 Crows
4-6 Jays
1 Red-wing
40± Starlings
10-15 House Sps.
1 Song Sp.
1 C. Wren
4-5 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
3 TVS
10 Ring-b. Gulls

✓ Red-headed woodpecker calling loudly near "tractor house" at 7:30 A.M.
3 First court-ship flights of Doves.

1-29-80 Tues. 31° — 36°
Heavy overcast; salt-like snow beginning 7:20 A.M., then mixed with sleet — ending about 9:30 A.M. — then partly cloudy; wind NNE in aft., 10-20 mph. = 1/4"

1 Thrasher	10-15 Doves
2-3 White-crowns	4-5 Crows
4-5 Juncos	4-5 Jays
15-20 White-throats	40+ Starlings
19 C. Waxwings	10-15 House Sps.
3 Red-bellies	1 Song Sp.
2-3 Downys	1 C. Wren

15-20 Cardinals	4-5 Goldfinches
3-4 Mockers	4-5 Chickadees
3 Red-bellies	4-5 Titmice
2-3 Downys	2 Nuthatches
✓ 2 Bluebirds in yard	3 TVs
⊛ 1 Red-tail (ad)	⊛ 1 Sharp-shin ✓ 3:50

✓ Sharpshin circling above meadow.

1-30-80 Wed. 18° — 36°
overcast; wind N, 15-20 mph. — bitter cold.

3-4 White-crowns (1 imm.) (S) Δ	10-12 Doves Δ
6-8 Juncos Δ	5-6 Crows
15-20 White-throats (S) Δ	3-4 Jays Δ
20 C. Waxwings	30-40 Starlings Δ

15-20 Cardinals △ 10-15 House Sps. △
3-4 Mockers △ 1-2 Song Sp. △
3 Red-bellies △ 1 C. Wren (S) △
2-3 Downys △ 4-5 Goldfinches △
✓ 1 Br. Thrasher △ 4-5 Chickadees △ (S)
4-5 Titmice △ (S)
2 Nuthatches (S)

1-31-80 Thurs. 21° — 26°
Sue's Birthday!
Fine snow began some time after 2:30 A.M. about 1" by 7:00 A.M. - continuing to about mid-day - then drifting - wind N, 20-30 mph —
Very cold!

3-4 White-crowns (S) (2 imm) 10-15 Doves
6-8 Juncos 5-6 Crows
15-20 White-throats 3-4 Jays
15-20 C. Waxwings 30-40 Starlings

✓ 2 Bluebirds in tree 30-40 Cowbirds
15-20 Cardinals 10-15 House Sps.
3-4 Mockers 1 Song Sp.
3 Red-bellies 1 C. Wren (S)
2-3 Downys 4 Goldfinches
1 Thrasher 4-5 Chickadees
1 Fish Crow 4-5 Titmice
1 Towhee △ 2 Nuthatches (S)
✓? 1 Red-headed Wdp.✓ ✓1 Grackle △
150 C. Geese (NW-SE 5:05 PM - low)
✓ Just one or two calls - but seemed to be Red-head.

2-1-80 Fri. 14° — 26°
(9° near Centreville) - scattered clouds - wind N, 15-35 mph - "bitter cold" - extremely unpleasant day - although beautiful - cloudless from mid-morning -
FULL MOON!

Official wind-chill factor this A.M. = 32° below 0°.

1 Thrasher Δ 10-15 Doves Δ
1 Towhee ♀ Δ 5-7 Crows
3-4 White-crowns Δ 4 Jays. Δ
15-20 White-throats Δ 30+ Starlings Δ
5-6 Juncos Δ 10-15 House Sps. Δ
✓ 4 Purple Finches (3♂ 1♀) Δ 1 Song Sp Δ
22 C. Waxwings 1 C. Wren
15-20 Cardinals Δ 4 Goldfinches Δ
3-4 Mockers Δ 4-5 Chickadees Δ
3 Red-bellies Δ 4-5 Titmice Δ
2-3 Downys Δ 2 Nuthatches.
4 TVs

* 8 Bluebirds at a home on Fairfax Station Rd. - near Newman.

2-2-80 Sat. 16° — 29°
Cloudless — wind N, NE
15-25 mph. - wind-chill
factor - awful!

✓ 4-5 White-crowns Δ (2 imm.) 15-20 Doves Δ
5-6 Juncos Δ 5-6 Crows
15-20 White-throats Δ 4-5 Jays Δ
1 Thrasher Δ 30-40 Starlings Δ
1 Towhee ♀ Δ 10-15 House Sps. Δ
15-20 Cardinals Δ 1 Song Sps. Δ
3-4 Mockers Δ 1 C. Wren
3 Red-bellies Δ 4-5 Goldfinches Δ
2-3 Downys Δ 4-5 Chickadees Δ
✓ 1 House Finch ♂ Δ 4-5 Titmice Δ
10-15 C. Waxwings 2 Nuthatches Δ

2-3-80 Sun. 16° — 31°.
Virtually cloudless; wind
NNE, 10-15 mph. Cold!!

3-4 White-crowns Δ 10-12 Doves Δ
5-6 Juncos Δ 5-6 Crows
15-20 White-throats Δ 3-4 Jays Δ
1 Towhee ♀ Δ 30+ Starlings Δ
15 Cardinals Δ 10-15 House Sps. Δ
3-4 Mockers Δ 1 Song Sp. Δ
✓ 1 Yellow-b. Sapsucker ✓(Imm.) Δ 1 C. Wren Δ
3 Red-bellies Δ 4-5 Goldfinches Δ
2-3 Downys Δ 4-5 Chickadees Δ
✓ 1 Hairy ♀ Δ 4-5 Titmice
✓ 1 Purple Finch ♂ Δ 2 Nuthatches
15-20 C. Waxwings 1 Thrasher Δ
(✱) 1 Red-shoulder 2X

✓ Immature Sapsucker at suet in pyracantha for 5-10 min.

2-4-80 Mon. 22° — 34°
Partly cloudy; wind N, 15-25 mph.
— cloudless in afternoon —

3-4 White-crowns (5) Δ 10-12 Doves (5) Δ
5-6 Juncos Δ 5-6 Crows Δ
15-20 White-throats (5) Δ 3-4 Jays Δ
10-15 C. Waxwings 30+ Starlings Δ
12-15 Cardinals Δ 10-15 House Sps. Δ
3-4 Mockers Δ 1 Song Sp. Δ
3 Red-bellies Δ 1 C. Wren
2-3 Downys Δ 4-5 Goldfinches Δ
1 Thrasher Δ 4-5 Chickadees (5) Δ
1 Towhee ♀ Δ 4-5 Titmice (5) Δ
✓ 1 Purple Finch ♂ Δ 2 Nuthatches Δ
1 TV

2-5-80 Tues. 19° — 36°
Cloudless, wind N,

3-4 White-crowns 8-10 Doves
4-6 Juncos 5-6 Crows
15-20 White-throats 3-4 Jays
10-15 C. Waxwings 30+ Starlings
1 Towhee ♀ 10-15 House Sps.
1 Thrasher 1 Song Sp.
15-20 Cardinals 1 C. Wren
3-4 Mockers 3-4 Goldfinches
2-3 Red-bellies 4-5 Chickadees
2-3 Downys 4-5 Titmice
1 Flicker 2 Nuthatches (Δ)
1 TV

2-6-80 Wed. 25° - 32°
Heavy overcast; calm early, then wind N, 5-10 mph.
Very fine snow began 11:05 A.M. - intermittently heavier + very fine all aft. = 3/4" to 1"

✓ 3 Robins 10-15 Doves Δ (s)
3-4 White-crowns Δ (s) 5-6 Crows Δ
6-8 Juncos Δ 3-4 Jays Δ
15-20 White-throats Δ (s) 1 Grackle Δ
100± C. Waxwings Δ 30-40 Starlings Δ
15-20 Cardinals Δ (s) 10-15 House Sps. Δ
3-4 Mockers Δ 1 Song Sp. Δ
2-3 Red-bellies Δ 1 C. Wren (s)
2-3 Downys Δ 4 Goldfinches Δ
(*) 2 Red-shoulders 4-5 Chickadees Δ (s)
✓ 1 Towhee Δ 4-5 Titmice (s) Δ
✓ 1 Thrasher Δ 2 Nuthatches Δ
✓ 1 Sapsucker Δ ✓ 1 Fish Crow
(*) 1 Sharp-shin ♀
1 Pil. Woodpecker in yard

✓ Imm. Sapsucker at suet on pyracantha for 5-10 min.

2 Deer - ♀♂ in No. Meadow

2-7-80 Thurs. 22° - 38°. Almost cloudless; wind NNE, 10-25 mph. Cloudless from 10:00 A.M. on - few scattered, small white clouds in late afternoon -

White-crowns	Doves
Juncos	Crows
White-throats	Jays
Towhee	Grackle
C. Waxwings	Starlings
Cardinals	House Sp.
Mockers	Song "
Red-bellies	C. Wren
Downys	Goldfinches
✓ Hairy	Chickadees
✓ 50 Ring-b. Gulls	Titmice
	Nuthatches

2-8-80 Fri. 24° - 39° Cloudless; wind NNE, 10-15 mph. - cold - mackerel clouds in afternoon - heavy snow from Oklahoma to No. Carolina

4-5 White-crowns Δ (1 imm.)	10-15 Doves 5 Δ
6-8 Juncos Δ	5-6 Crows Δ
15-20 White-throats Δ	4 Jays Δ
2 Bluebirds (at box)	30 Cowbirds
40-50 C. Waxwings	30-40 Starlings Δ
15-20 Cardinals Δ	10-15 House Sp. Δ
3-4 Mockers Δ	1 Song Sp. Δ
3 Red-bellies Δ	1 C. Wren
2-3 Downys Δ	5 Goldfinches Δ
1 Thrasher Δ	4-5 Chickadees Δ
1 TV (2x)	5-6 Titmice Δ
1 Hairy ♀ Δ	2 Nuthatches

2-9-80 Sat. 29° – 34°.

Heavy overcast; tiny snow flakes beg. 10:55 A.M. Fine flakes until late aft., then larger — ending early in night = 2½ – 3" snow.

4-5 White-crowns (S) Δ
15-25 White-throats (S) Δ
6-10 Juncos Δ
100+ C. Waxwings
15-20 Cardinals Δ
3-4 Mockers Δ
3 Red-bellies Δ
3 Downys Δ
✓ 2 Hairys ♀ Δ
1 Pil. Woodpecker
3 Herring Gulls
1 Thrasher Δ
✓ 2 Flickers ♂
1 Fish Crow

8-10 Doves 5Δ (S)
4-6 Crows Δ
4 Jays Δ
30-40 Starlings 5Δ
10-15 House Sps. Δ
1 Song Sp. Δ
1 C. Wren
4-5 Goldfinches (S) Δ
4-5 Chickadees Δ (S)
5-6 Titmice Δ (S)
2 Nuthatches ♂ (S)
1 Towhee Δ ♀
✓ 69 C. Geese NW-SE low, 5:50 PM

2-10-80 Sun. 20° – 33°.

Cloudless; beautiful day, with puffy snow clinging to trees. Calm early; then N, 10-25 mph to late afternoon.

4-5 White-crowns (S) Δ
6-8 Juncos 6Δ
15-20 White-throats Δ
50-60 C. Waxwings
2 Bluebirds
1-2 Robins
15-20 Cardinals Δ
3-4 Mockers Δ
3 Red-bellies Δ
3 Downys Δ
2 Hairys ♂♀ Δ
1 Ring-b. Gull
1 Towhee Δ

10-15 Doves 4-5 Δ
4-5 Crows Δ
4 Jays Δ
40-50 Starlings Δ
10-15 House Sps. Δ
1 Song Sp. Δ
1 C. Wren
4-5 Goldfinches Δ
4-5 Chickadees Δ
4-5 Titmice Δ
2 Nuthatches Δ
✓ 1 Br. Creeper
1 Thrasher Δ

1 Pil. Woodpecker

2-11-80 Mon. 9°-
Cloudless early; calm; hazy clouds along N. horizon by 10:30 A.M.; Wind SSE in aft., 10-20 mph. to about 4:00 P.M. - then abating. A fine day.

4-5 White-crowns Δ
5-6 Juncos Δ
15-20 White-throats Δ
40-50 C. Waxwings
3-4 Bluebirds (in yard) (3+C)
1 Towhee Δ
1-2 Robins
15-20 Cardinals Δ
3-4 Mockers Δ
2 Pil. Woodpeckers Δ
2 Flickers Δ
3 Red-bellies Δ

8-10 Doves 4Δ
Crows
Jays Δ
Starlings Δ
House Sps. Δ
Song Sp. Δ
C. Wren
Goldfinches Δ
Chickadees Δ
Titmice Δ
Nuthatches
* 2 Red-shoulders

2-12-80 Claire leaves for Tampa today - 10:45

2-3 Downys Δ
1-2 Hairys Δ

2-12-80 Tues. 25°-
Cloudless early, then scattered clouds low on N horizon; about 5:30 A.M. a strong wind came up, N, 40-50 mph. - during day, 15-25 mph.

White-crowns	Doves
Juncos	Crows
White-throats	Jays
C. Waxwings	Starlings
Cardinals	House Sps.
Mockers	Song Sp.
Red-bellies	C. Wren
Downys	Goldfinches

AWAY 9:15 AM - 11:45 AM

1 Towhee — Chickadees
1 Thrasher — Titmice
Nuthatches

2-13-80 Wed. 14° —
Cloudless; cold — calm in A.M. — in aft., wind N, 5-15 mph — another great day!

4-5 White-crowns(s) Δ (1 Imm)	10-15 Doves 4Δ
4-5 Juncos Δ	5-6 Crows
15-20 White-throats(s) Δ	3-4 Jays Δ
30-40 C. Waxwings	30-40 Starlings 3-4Δ
2-3 Bluebirds (s)	10-15 House Sps. Δ
✓ 1 Meadowlark(s)	1 Song Sp. Δ
15-20 Cardinals (s) Δ	1 C. Wren (s)
3-4 Mockers Δ	4-5 Goldfinches Δ
1 Pil. Woodpecker in yard 2X	4-5 Chickadees(s) Δ
3 Red-bellies Δ	4-5 Titmice(s) Δ
2-3 Downys Δ	2 Nuthatches Δ
6 Ring-b. Gulls	(*) Red-shoulder
1 Fish Crow —	1 T.V.
1 Thrasher Δ	1 Flicker

2-14-80 Thurs. 14° - 54°
Cloudless; calm early; wind med-aft., N, 10-15 mph. Scattered high cirrus clouds. Very mild in aft. — Great day!

4-5 White-crowns Δ (s)	8-10 Doves 4Δ
5-6 Juncos Δ	7-8 Crows 2Δ
15-20 White-throats Δ (s)	3-4 Jays 3-4Δ
30-40 C. Waxwings	40+ Starlings 4Δ
2-3 Bluebirds (s)	10-15 House Sps. Δ
1 Towhee Δ ♀	1 Song Sp. Δ
15-20 Cardinals Δ	1 C. Wren (s)
3-4 Mockers Δ	4-5 Goldfinches Δ

1 Flicker 4-5 Chickadees Δ
2-3 Red-bellies Δ 4-5 Titmice Δ
2-3 Downys Δ 2 Nuthatches Δ
200+ C. Geese ✓1 1 Fish Crow
16 Ring-b. Gulls 2-4 TVs

✓ Unseen flock of Geese to west, (SE-NW)
7:15 A.M. - sounded sizeable.
Then at 8:50 A.M., a flock
of 200 or more, low, SE-NW.

2-15-80 Fri. 34°-43°
Heavy overcast; calm in
A.M. - rain predicted -
by 10:00 A.M.; wind SSE, 10
-25 mph.

4-5 White-crowns (S) 10-12 Doves (S)
5-6 Juncos 7-8 Crows
15-20 White-throats (S) 3 Jays
1 Red-shoulder 2-3000 Grackles ✓1
30-40 C. Waxwings 30-50 Starlings
15-20 Cardinals (S) 10-15 House Sp.
3-4 Mockers 1 Song Sp.
3 Red-bellies 1 C. Wren (S)
2-3 Downys 4-5 Goldfinches
✓ 1 Robin 4-5 Chickadees (S)
1 Ring-b. Gull 4-5 Titmice (S)
1 Herring Gull 2 Nuthatches (S)
✓ 12 C. Geese ✓2 2 Bluebirds
~~Red-shoulder~~ 1 TV
1 Flicker 1 Towhee

✓ ✓1 2-3,000 Grackles NW-SE over
Clifton Rd. just east of Braddock
Rd., - 8:10 A.M.
✓2 12 C. Geese, S-N - probably
local flock circling

2-16-80 Sat. 37° - 43°
Showers began 2:30 AM
- light and intermittent -
very heavy overcast - rain
to about 10:30 - then clearing -
wind ESE - to NW, 10 - 30 mph.
cold in aft. Rain = 0.2"

4-5 White-crowns (S)	8-10 Doves
5-6 Juncos	7-8 Crows
15-20 White-throats (S)	3-4 Jays
40+ C. Waxwings	40+ Starlings
2-3 Bluebirds	10-15 House Sp.
1 Red-shoulder	1 Song Sp. ✓
15-20 Cardinals	1 C. Wren (S)
3-4 Mockers	4-5 Goldfinches
1 Flicker	4-5 Chickadees
2-3 Red-bellies	4-5 Titmice
2-3 Downys	2 Nuthatches
1 Towhee	

✓ Song Sp. singing in Clifton

2-17-80 Sun. 19° - 31°
Claire's birthday - due home from Tampa today!
Jessie home - about 2:55 P.M.
Scattered clouds - cold N wind, 10-20 mph.

4-5 White-crowns Δ	10-15 Doves Δ
5-6 Juncos Δ	7-8 Crows Δ
15-20 White-throats Δ	3-4 Jays Δ
40+ C. Waxwings	30-40 Starlings Δ
2 Bluebirds	10-15 House Sps. Δ
1 Towhee ♀ Δ	1 Song Sp. Δ
15-20 Cardinals Δ	1 C. Wren (S)
3-4 Mockers Δ	4-5 Goldfinches Δ
3 Red-bellies Δ	4-5 Chickadees Δ
2-3 Downys Δ	4-5 Titmice Δ
✓ 2 Hairys ♀ ♂ Δ	✓ 2 Nuthatches Δ

away 12:00 – 2:55 PM – Airport

✓ 1 Fish Crow ✓ 1 Meadowlark (s)
2 Flickers
✓ 1 Nuthatch eating scratch feed on ground in triangle (Δ)

2-18-80 Mon. 10° —
Cloudless; calm early; by 9:00 A.M., wind S, 5–10 mph. from mid-morning on.

4-5 White-crowns 10-12 Doves
5-6 Juncos 7-8 Crows
15-20 White-throats 3-4 Jays
20+ C. Waxwings 1 Red-wing ♀
2 Bluebirds 40± Starlings
1 Towhee ♀ 10-15 House Sps.
1 P. Finch 1 Song Sp.
15-20 Cardinals 1 C. Wren
3-4 Mockers 4-5 Goldfinches

3 Red-bellies 5 Chickadees
3 Downys 4-5 Titmice
1 Robin 2 Nuthatches
1 Hairy 1 TV

2-19-80 Tues. 19° – 58°
High, hazy clouds; more cloudy in aft. – wind in aft., SSE, 10-15 mph. Bright "sun-dog" to N of sun – 4:20 P.M. on

4-5 White-crowns (s) 8-10 Doves (s)
6-8 Juncos (s) ✓ 7-8 Crows
15-20 White-throats (s) 3-4 Jays
20± C. Waxwings ✓ 4 Red-wings 15 ✓
2-3 Bluebirds (s) 40+ Starlings
✓ 1 Towhee ♂ 10-15 House Sps.
✓ 1 Thrasher 1 Song Sp.
✓ 4 Robins 1 C. Wren
15-20 Cardinals (s) 4-5 Goldfinches

3-4 Mockers, 5 Chickadees (S)
3 Red-bellies (S) 4-5 Titmice (S)
~~2 Nuthatches~~ (S) 2 Nuthatches (S)
(*) 1 Red-shoulder in yard 2x 1 TV
2-3 Downys
✓ First song of season for Junco + Red-wing

2-20-80 Wed. 22°–
mostly cloudy (high-hazy); occ. bright sunshine – brief S winds 10-15 mph. in mid-aft. Cloudy late aft. = balmy!

4-5 White-crowns Δ 8-10 Doves Δ
5-6 Juncos Δ 6-8 Crows Δ
15-20 White-throats Δ 3-4 Jays Δ
10-15 C. Waxwings 3-4 Red-wings 1st Δ (S)
1 Towhee Δ 30-40 Starlings Δ
2 Bluebirds 10-15 House Sps. Δ

Two Honey Bees!

3-4 Robins 1 Song Sp. Δ
15-18 Cardinals Δ 1 C. Wren
3-4 Mockers Δ 4-5 Goldfinches Δ
2-3 Red-bellies Δ 4-6 Chickadees Δ
2-3 Downys Δ 4-5 Titmice Δ
✓ 1 Hairy Δ 2 Nuthatches Δ
(*) 1 Red-shoulder 1 Thrasher Δ

...Thurs. 40° — 61°
...cloudy; brief
...30 A.M. - wind N,

Tulips up!

4-5 White-crowns Δ 8-10 Doves Δ
4-5 Juncos Δ 6-8 Crows Δ
15-20 White-throats Δ 3-4 Jays. Δ
10-15 C. Waxwings 2-3 Redwings
2 Bluebirds 30-40 Starlings Δ

3-4 Mockers, 5 Chickadees (S)
3 Red-bellies (S) 4-5 Titmice (S)
~~2 Nuthatches~~ (S) 2 Nuthatches (S)
(X) 1 Red-shoulder in 2x 1 TV
2-3 Downys yard

✓ First song of season for
Junco + Red-wing

Interment Fort Lincoln Cemetery.

2-22-80

ROBEY, RALPH E.
On Monday, February 18, 1980, at Redwood City, Calif., RALPH E. ROBEY, of San Mateo, Calif., husband of Shirley J. Robey; father of Melissa and Jon S. Robey; son of Helen Kirk Robey; brother of Mary B. Harris and William A. Robey. Services will be held today, at 10 a.m., at the EVERLY FUNERAL HOME, 10565 Main st., Fairfax, Va. Interment Washington National Cemetery. Those desiring may make donations to the American Cancer Society.

RODIER, LOUIE B.,

2-20-80 Wed.
mostly cloudy
occ. bright sun
brief S winds 10
aft. Cloudy late

4-5 White-crowns Δ 8-10 Doves Δ
5-6 Juncos Δ 6-8 Crows Δ
15-20 White-throats Δ 3-4 Jays Δ
10-15 C. Waxwings 3-4 Red-wings Δ (S)
1 Towhee Δ 30-40 Starlings Δ
2 Bluebirds 10-15 House Sps. Δ

Two Honey Bees!

3-4 Robins 1 Song Sp. Δ
15-20 Cardinals Δ 1 C. Wren
3-4 Mockers Δ 4-5 Goldfinches Δ
2-3 Red-bellies Δ 4-6 Chickadees Δ
2-3 Downys Δ 4-5 Titmice Δ
✓ 1 Hairy Δ 2 Nuthatches Δ
(X) 1 Red-shoulder 1 Thrasher Δ

2-21-80 Thurs. 40° - 61°
Mostly cloudy; brief
shower beg. 1:30 A.M. - wind N,
5-10 mph.

Tulips up!

4-5 White-crowns Δ 8-10 Doves Δ
4-5 Juncos Δ 6-8 Crows Δ
15-20 White-throats Δ 3-4 Jays. Δ
10-15 C. Waxwings 2-3 Redwings
2 Bluebirds 30-40 Starlings Δ

Two Honey Bees

1 Towhee ♀ Δ 10-15 House Sps. Δ
2-3 Robins 1 Song Sp. Δ
15-20 Cardinals Δ 1 C. Wren
3-4 Mockers Δ 4-5 Goldfinches Δ
3 Red-bellies Δ 4-5 Chickadees Δ
2-3 Downys Δ 4-5 Titmice Δ
1 Killdeer upward 2 Nuthatches Δ
1 Red-shoulder ✓ 1 Field Sp. ✓ (S)
1 Thrasher Δ 1 Meadowlark (S)
1 Pil. Woodpecker ✓ 5 Ring-b. Gulls

✓ First Field Sp. song of year – singing all day.

2-22-80 Fri. 41° – 47°
One thunder-clap (loud) at 2:45 A.M. – then good shower; heavy overcast in A.M. – fog lasting entire day (BWI Airport slowed down all day) – very light, variable breezes – rain = 0.2" (?)

we've been fighting for for more than 30 years." The Wash. Post. 1/14/80

698 Species Seen, But Birdwatcher Fallls Short of Goal

JACKSON, Miss., Jan. 13 (UPI) — Birdwatcher James Vardaman last year set a record by sighting 698 different birds in North America, but despite a heroic last-minute effort, fell tantalizingly short of his personal goal of 700 sightings.

Vardaman had a jet chartered Dec. 30 to take him to Miami and to Brownsville, Tex., where scouts had reported seeing a striped headed tanager and a golden crowned warbler, which would have given him his magic number.

"Well, damned if they didn't disappear the next day," he said.

Vardaman began laying plans to sight 700 North American birds more than a year ago, working out an itinerary that would put him at the right place at the right time to catch the seasonal migrations. The goal was formidable—only seven expert birdwatchers have seen 700 species in an entire lifetime.

In all he spent 170 days birdwatching, logging nearly 25,000 miles by car, boat, bicycle and on foot in 24 states and six Canadian provinces.

8 Doves Δ
8 Crows Δ
Jays. Δ
Starlings Δ
House Sps. Δ
Song Sp. (S) Δ
C. Wren
Goldfinches Δ
Chickadees Δ
Titmice Δ
Nuthatches Δ
~~Red-shoulder~~
Red-wing (S)
Meadowlark (S)
Field Sp. (S)
+ Grackles
–E 5:30 AM
Five
...day

Two Honey Bees

that the hostages be freed before the U.N. investigation could begin. "That's impossible," he said.

Later in the day, the newspaper Bamdad released the text of a letter sent to Waldheim yesterday in which Ghotbzadeh did not mention the hostages and cryptically recalled "the only solution is the one we talked about," apparently during the secretary general's visit here 10 days ago.

...ainst Iran Afte...

Washington, he went on, "continues to reject efforts aimed at bringing about a solution and considers possible proposals from the Iranian side . . . rejected out of hand."

Iran, Troyanovsky said, "has done nothing which constitutes a threat to international peace and security. Such actions have been undertaken by the United States," which he said was "trampling underfoot the rights of peoples—today in Iran, tomorrow in regard to other sovereign states."

The Soviet statement was in many ways an echo of U.S. charges that followed the Dec. 24 Soviet invasion of Afghanistan. On Dec. 31, the Soviets had abstained in a council vote on an initial Security Council Resolution on Iran that led up to tonight's call for sanctions.

In the meantime, extensive charges

CARPET C...

1 Towh...
2-3 Robi...
15-20 Card...
3-4 Moc...
3 Red-...
2-3 Dow...
1 Kill...
1 Red-...
1 Thra...
1 Pil. W...

First ...
year — ...

2-22-...
One thou...
A.M. - the...
overcast ...
day (BWI ...
all day) ...
breezes - ...

4-5 White-crowns Δ
5-6 Juncos Δ
15-20 White-throats Δ
30-40 C. Waxwings
1 Towhee Δ
2-4 Robins
15-20 Cardinals Δ
3-4 Mockers Δ
3 Red-bellies Δ
2-3 Downys Δ
1 Red-shoulder
√2 Bluebirds
√2 Hairys Δ
1 Thrasher Δ

6-8 Doves Δ
7-8 Crows Δ
3 Jays Δ
30-40 Starlings Δ
10-15 House Sps. Δ
1 Song Sp. (S) Δ
1 C. Wren
4-5 Goldfinches Δ
4-5 Chickadees Δ
4-5 Titmice Δ
2 Nuthatches Δ
~~Red-shoulder~~
1 Red-wing (S)
1 Meadowlark (S)
1 Field Sp. (S)
√ 500+ Grackles
(N-E, 5:30 AM)

Doves in very active courtship yesterday and today.

(36 sp.)

2-23-80 Sat. 35° — 52°

Heavy fog since previous night; lifting about 9:00 A.M. — sunny, then overcast in afternoon — tiny, intermittent drizzle beg. 3:00 P.M. to 4:00 P.M. Good showers in night.

3-5 White-crowns Δ
4-6 Juncos Δ
15-20 White-throats Δ
30+ C. Waxwings
1 Towhee Δ ♀
2-3 Robins
3-4 Cardinals Δ
3-4 Mockers Δ
2-3 Red-bellies Δ
2-3 Downys Δ
1 Hairy ♂ Δ
2 Red-shoulders
1 Pil. Woodpecker
1 Killdeer (all day)

8-10 Doves 3 Δ
6-7 Crows Δ
2-3 Jays Δ
5000(?) Grackles 4(S)
3-4 Red-wings (S)
30-40 Starlings 1-2 Δ
10-15 House Sps. Δ
1 Song Sp. Δ (S)
1 C. Wren (S)
3-5 Goldfinches Δ
4-5 Chickadees Δ
4-5 Titmice Δ
2 Nuthatches Δ
1 Field Sp. (S)

1 Flicker
1 Yellow-r. W.
1 Golden-cr. Kinglet
1 Thrasher Δ

1 Cowbird
5 Ring-b. Gulls
2 TVs
1 Meadowlark (S)

36 spec. Sat

Perhaps 5000 or more Grackles, flying S-N in large streams, during morning

(38 sp.)

2-24-80 Sun. 37° — 58°

Cloudless in A.M. Showers last night — Partly cloudy to mid-aft. then overcast - occ. light, variable breezes. We sat out for 2 hrs. at noon, side of garage. No heavy coats on.

3-4 White-crowns Δ (S)
3-4 Juncos Δ
15-20 White-throats Δ (S)
50+ C. Waxwings
2 Bluebirds (S)

6-8 Doves Δ (S)
6-8 Crows
3-4 Jays Δ
1000± Grackles 2 Δ (S)
5-6 Red-wings (S)

1 Towhee ♀ Δ	1 Cowbird (S)
1 Thrasher ✓ (S) Δ	30-40 Starlings 2-3 Δ
3-4 Robins	10-15 House Sps. (S) Δ
15-20 Cardinals (S) Δ	1 Song Sp. (S) Δ
3-4 Mockers Δ	1 C. Wren (S)
2-3 Red-bellies Δ ✓	7 Goldfinches 7 Δ
2-3 Downys Δ	4-5 Chickadees Δ (S)
(*) 2 Red-shoulders	4-6 Titmice (S) Δ
2 Yellow-r. Wr.	2 Nuthatches (S) Δ
15 Ring-b. Gulls	1 Meadowlark (S)
2 Flickers	12-15 Herring Gulls
1 Killdeer	1 Field Sp. (S)
1 Pil. Woodpecker	(*) 1 Red-tail
2 Hairys ♂♀ Δ	2 TVS

(38)

✓ First Thrasher song of year -

* Nature highlight of the day - 5 Deer (Doe, 3 lg. fawns, Buck with huge rack) in our back yard, then past garden & stile - chased by Ger. Shepherd from next door - jumped 3 fences & raced across Vazquez' meadow to his woods - all about 5:35 P.M. - seen earlier in Jeff's "north meadow" by girl rider. I first saw 3 fawns, then Claire saw Buck & Doe - great looks for both of us of all five.

2-25-80 Mon. 38° - 45°
Rain started last night, turning to wet snow perhaps 6:00 A.M. ending about 9:00 A.M. Some sun, then heavy overcast. Wind NNE late aft., 5-10 mph.

3-4 White-crowns (s)
3-4 Juncos
15-20 White-throats (s)
~~3~~ 45 C. Waxwings
1 Towhee ♀
2-3 Robins
15-20 Cardinals (s)
3-4 Mockers
1-2 Flickers
2-3 Red-bellies (s)
2-3 Downys
2 Hairys ♂♀
3 Herring Gulls
1 Thrasher
1 Pil. Woodpecker ✓
~~1 Red-wing~~
1 Fish Crow

8-10 Doves (s)
6-8 Crows
3 Jays
1000+ ~~8-10~~ Grackles
40± Starlings
10-15 House Sps.
1 Song Sp. (s)
5-7 Goldfinches
4-5 Chickadees (s)
4-5 Titmice (s)
2 Nuthatches (s)
1 C. Wren (s)
(*) 1 Red-shoulder
1 Killdeer
1 Field Sp. (s)
1 Red-wing (s)

(32)

2-26-80 Tues. 34° — 34°
Tiny snow-fall beginning 7:15 A.M. — ending in about 15 min. again at 9:50 A.M. (10-15 min.) Wind NNE, 20-40 m.ph. ~~20 m.p.h. (or more)~~ — again 11:30 A.M. (briefly) — then a glorious, cloudless aft. — but cold! (wind-chill factor).

3-4 White-crowns
3-4 Juncos
15-20 White-throats
30-40 C. Waxwings
1 Towhee ♀
15-20 Cardinals
2-3 Mockers
3 Red-bellies
2-3 Downys
75± { Herring Gulls
{ Ring-b. Gulls
(*) 1 Red-shoulder
2 Hairys ♂♀

8-10 Doves
6-8 Crows
3-4 Jays
20± Grackles
40 Starlings
10-15 House Sps.
1 Song Sp.
1 C. Wren
4-6 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
1 Killdeer

1 TV

2-27-80 Wed. 27° – 41° then NW, overcast; wind N, 10-15 mph. in A.M. Sunny mid-morn – then overcast again. Penetrating cold today.

2-3 White-crowns Δ 3 Doves Δ
3-4 Juncos Δ 6-7 Crows
15-20 White-throats Δ 1 Fish Crow
1 Towhee Δ 2-3 Jays Δ
30+ C. Waxwings 6 Grackles
15-20 Cardinals Δ 1 Red-wing
2-3 Mockers Δ 40± Starlings Δ
2-3 Red-bellies Δ 10-15 House Sps. Δ
2-3 Downys Δ 1 Song Sp. Δ
2 Hairys Δ 1 C. Wren Δ
(x) 1 Red-shoulder 4-5 Goldfinches

(*) 1 Red-tail 4-5 Chickadees Δ
(*) 1 Sharp-shin 4-5 Titmice Δ
1 Flicker 2 Nuthatches Δ
1 Thrasher Δ 1 TV

2-28-80 Thurs. 24° – 31°
Heavy overcast; very fine snow began 8:40 A.M.
Wind SE, 10-15 mph. – cold!
Calm by 10:00 A.M. – snow heavier
= 2½ – 3" snow

3-4 White-crowns 8-10 Doves
3-4 Juncos 6-7 Crows
15-20 White-throats 3-4 Jays
30± C. Waxwings 10 Grackles
1 Towhee 2-3 Red-wings
(*) 1 Red-shoulder 30-40 Starlings
(*) 1 Sharp-shin 10-15 House Sps.
15-20 Cardinals 1 Song Sp.

2-3 Mockers 1 C. Wren (S)
2-3 Red-bellies 5 Goldfinches
2-3 Downys 4-5 Chickadees
2 Hairys 4-5 Titmice
1 Thrasher 2 Nuthatches
1 Flicker
1 Robin

2-29-80 Fri. 10° — 25°
Cloudless, calm in A.M.
-by 9:30 A.M., wind NNE, 10-25 mph
all day - blowing snow - some
clouds mid-day on —

2 Bluebirds (S) 6-8 Doves Δ (S)
2-3 White-crowns Δ (S) 6-8 Crows
6 Juncos Δ 3-4 Jays Δ
15-20 White-throats Δ 10-? Grackles (S)
30+ C. Waxwings 1-2 Red-wings

15-20 Cardinals Δ 30-40 Starlings Δ
3-4 Mockers Δ 10-15 House Sps. Δ
2-3 Red-bellies Δ 1 C. Wren (S)
2-3 Downys Δ 4-6 Goldfinches Δ
1 TV 4-5 Chickadees Δ (S)
1 Kestrel ↓ 4-5 Titmice Δ (S)
2 Hairys 2 Nuthatches Δ
↓ Kestrel on wire near Clifton

3-1-80 Sat. 11° — 17°
overcast; wind N, 10-15 mph,
- bitter cold; new snow - Ador.
9:30 A.M. — heavy by 2:30 P.M.
- continuing thru night.
FULL MOON —

✓ 4 Bluebirds 8-10 Doves 8Δ
2-3 White-crowns Δ 7-8 Crows
4-5 Juncos Δ 3-4 Jays Δ
15-20 White-throats Δ 8-10 Grackles
30± C. Waxwings 30-40 Starlings 5Δ
1 Towhee Δ 10-15 House Sps. Δ

15-20 Cardinals Δ | 1 Song Sp. Δ
2-3 Mockers Δ | 1 C. Wren Δ
2-3 Red-bellies Δ | 4-5 Goldfinches
2-3 Downys Δ | 4-5 Chickadees Δ
2 Hairys ♂♀ Δ | 4-5 Titmice Δ
1 Cowbird Δ | 2 Nuthatches Δ
1 Thrasher Δ | 1 Meadowlark (S)

3-2-80 Sun. 13° — 20°
Heavy snow; wind N, NNE 10-25 mph., blowing snow all day. Bitter cold again — about 8" of snow.

2-3 White-crowns Δ | 7-8 Doves 6 Δ
6-7 Juncos Δ | 6-7 Crows Δ
15-20 White-throats Δ | 2-3 Jays Δ
15-20 Cardinals Δ | 30-40 Starlings Δ
2-3 Mockers Δ | 10-15 House Sps. Δ

2-3 Red-bellies Δ | 1 Song Sp. Δ
2-3 Downys Δ | 1 C. Wren (S)
1 Thrasher Δ | 4-5 Goldfinches Δ
1 Towhee Δ | 4-5 Chickadees Δ
1 Killdeer | 4-5 Titmice Δ
2 Hairys ♂♀ Δ | 2 Nuthatches 1Δ
20-30 C. Waxwings | 1 Fish Crow
(x) 1 Red-shoulder

3-3-80 Mon. 14° — 34°
Cloudless; wind N, 15-25 mph. - abating late afternoon & thawing — glorious day, though cold!

3-5 White-crowns | 6-8 Doves
4-6 Juncos | 7 Crows
15-20 White-throats | 4 Jays
30+ C. Waxwings | 3-4 Grackles
1 Towhee ♀ | 2 Red-wings

15-20 Cardinals 30-40 Starlings
2-3 Mockers 10-15 House Sps.
1 Pil. Woodpecker 7 Song Sp. ✓ (S)
3 Red-bellies 1 C. Wren
3 Downys 5-6 Goldfinches
2 Hairys 4-5 Chickadees
2 TVS 4-5 Titmice
1 Thrasher 2 Nuthatches
(*) 1 Red-shoulder

✓ 1 Song Sp. has lost all tail feathers since yesterday —

3-4-80 Tues. 7° — 48°
Scattered, high, hazy clouds.
Calm in A.M. — then from noon on wind SSE, 5-15 mph.

2 Bluebirds (S) 6-8 Doves (S)
4-5 White-crowns (S) 7-8 Crows ✓
4-6 Juncos 4 Jays
10-18 White-throats (S) 2-3 Grackles
10-15 C. Waxwings 3-4 Red-wings (S)
15-20 Cardinals (S) 1 Cowbird (S)
2-3 Mockers 30-40 Starlings
2-3 Red-bellies 10-15 House Sps.
2-3 Downys 2 Song Sps. (S)
2 Hairys 1 C. Wren
(*) 2 Red-shoulders 4-6 Goldfinches
1 Towhee 4-5 Chickadees (S)
1 Thrasher 4-5 Titmice (S)
(*) 1 Sharp-shin ✓ 2 Nuthatches (S)
1-2 Flickers 1 Fish Crow
✓ 1 Br. Creeper (*) 1 Red-tail Sd. S-N
1 Robin 2 TVs

✓ Sharpshin (E-W) over near meadow, chased & attacked all the way by two crows.

& Jay singing softly in white oak for a few minutes - brief bits of song, & occ. imitation of Phoebe call.

* 5:30-5:45 P.M. - five deer romping wildly around & around Hampshire's "Pond meadow" - flags up - a great sight. Thought for a moment there were six, but probably the family of five.

3-5-80 Wed. 38° -

Light rain began 12:25 A.M. - continuing. Wind SE, 15-25 mph, shifting to NNE in aft. Rain ending about 11:00 A.M. Partly cloudy in afternoon, but wonderful - like April!

Snow is Gone!

2 Bluebirds (S) 8-10 Doves (S)
4-5 White-crowns (S) 7-8 Crows
6-8 Juncos 3-4 Jays
15-20 White-throats (S) 7-8 Grackles (S)
40-50 C. Waxwings 40-50 Starlings
3 Herring Gulls 10-15 House Sps.
1 Robin 2 Song " (S)
15-20 Cardinals (S) 1 C. Wren (S)
2-3 Mockers 4-5 Goldfinches
2-3 Red-bellies 4-5 Chickadees (S)
2-3 Downys 4-5 Titmice (S)
2 Hairys 2 Nuthatches (S)
1 Pil. Woodpecker 1 Fish Crow
5 Ring-b. Gulls 3-4 Red-wings (S)
(*) 1-2 Red-shoulders 1 Towhee
1 Thrasher

{Deale, Md. - 300 Robins on lawn.

3-6-80 Thurs. 37° —
Partly cloudy; wind N, 10-25 mph — abating slowly — calm 4:00 P.M. on.

2 Bluebirds ✓ 8-10 Doves
? White-crowns 14 Crows
2-3 Juncos 2-3 Jays
15-20 White-throats 6-8 Grackles
30-40 C. Waxwings 4 Red-wings
✓ #? C. Geese ✓ 40+ Starlings
✓ 1 Barred Owl 7:50 A.M. 10-15 House Sps.
15-20 Cardinals 2 Song "
2-3 Mockers 1 C. Wren
2-3 Red-bellies 4 Goldfinches
2-3 Downys 4-5 Chickadees
2 Hairys 4-5 ~~Titmice~~ Titmice
2 Ring-b. Gulls 2 Nuthatches
(x) 1 Red-shoulder 1 TV
1 Towhee ♀ ~~X~~ 1 Woodcock ✓3
2 Robins
✓ Unseen small flock of C. Geese to west — probably local.
✓ Pair of Bluebirds at nest box for 10-15 min. — fighting House Sps.
✓ At 6:40 P.M., Woodcock over terrace, low, calling, and much wing-twittering.

3-7-80 Fri. 38° —
Overcast; wind SSE, 10-20 mph
Few drops of rain at 2:50 P.M.
Then occ. weak sun — but mostly heavy overcast.

2-4 Honey Bees –

2 Bluebirds ✓(S)	8-10 Doves (S)
1-2 White-crowns (S)	7-8 Crows
3-4 Juncos (S)	2-4 Jays
15-20 White-throats (S)	10-12 Grackles (S)
30-40 C. Waxwings	4-5 Red-wings (S)
1 Towhee ♂	40-50 Starlings
1 Thrasher	10-15 House Sps.
100-150 { Herring Gulls (C)	2 Song " (S)
Ring-b. Gulls (C)	1 C. Wren
15-20 Cardinals (S)	4 Goldfinches
2-3 Mockers	4-5 Chickadees (S)
2-3 Red-bellies	4-5 Titmice (S)
2-3 Downys	2 Nuthatches (S)
1 Killdeer	(*) 1 Red-shoulder
✓ 2 Fish Crows	1 Field Sp. (S)
1 Robin	1 Cowbird
1 Flicker	✓ 1 Woodcock ✓
1 Pil. Woodpecker	

✓ Bluebirds at nest-box & briefly-singing about yard.

✓ at 6:35 P.M. on – Woodcock above front yard & Vazquez' meadow – much "peenting" and wing-twittering – under heavy overcast & S wind about 20 mph.

3-8-80 Sat. 58° –
Overcast; bit of weak sun about 7:00 A.M. – balmy. Wind SW, 15-30 mph. Some sun in aft.;

2 Bluebirds in yard (S)	6-10 Doves (S)
1-2 White-crowns (S)	7-8 Crows
3-5 Juncos (S)	2-3 Jays
15-20 White-throats (S)	12-15 Grackles (S)
40+ C. Waxwings	4-6 Red-wings (S)
3-4 Robins (S)	1-2 Cowbirds (S)

First Spring Peepers —
Chorus at Chantilly Co. club

15-20 Cardinals (S)	40+ Starlings
2-3 Mockers	10-15 House Sps.
2-3 Red-bellies	2 Song " (S)
2-3 Downys	1-2 C. Wrens (S)
2 Hairys	4 Goldfinches
1 Towhee ♀	4-5 Chickadees (S)
1 Thrasher	4-5 Titmice - (S)
1000 + { Herring Gulls (C)	2 Nuthatches (S)
{ Ring-b. " (C)	1 Killdeer
1 Flicker (S)	1 T.V.
⊛ 1 Red-shoulder	1 Field Sp. (S)
1 Pil. Woodpecker	1 Kestrel at Chantilly C. Club

* Gulls calling a great deal today.

3-9-80 Sun. 41° —
Partly cloudy; wind SW, 20-35 mph (perhaps stronger 5:00-6:30 A.M.). Mostly sunny in aft.; few high, hazy clouds.

Away 10:20-2:20 P.M. - Church, lunch, & shopping

2 Bluebirds	8-10 Doves
2-3 White-crowns	6-7 Crows
3-4 Juncos	2-3 Jays
15-20 White-throats	10-15 Grackles
30+ C. Waxwings	3-4 Red-wings
~~8-10~~ 12-15 Robins (S)	40+ Starlings
15-20 Cardinals	10-15 House Sps.
2-3 Mockers (S)	2 Song "
2-3 Red-bellies	1 Field Sp. (S)
2-3 Downys	1 C. Wren
500 +- { Herring Gulls	4 Goldfinches
{ Ring-b. Gulls	4-5 Chickadees
1 Towhee ♀	5 Titmice
1 Thrasher's	2 Nuthatches
1-2 Hairys	1 Fish Crow
⊛ 1 Red-shoulder	1 Killdeer

3-10-80 Mon. 32° — 60°
Few small clouds low on N horizon - frost; thin skim of ice on bird bath.

overcast in aft.; wind S, 15-30 mph. about 2:30 P.M. - Shower 5:20 P.M. - about 2 minutes. Much lightning to SW, 8:30 - 9:30 P.M.

✓

300+ C. Geese ✓ 8-10 Doves (S) Δ
1-3 White-crowns (S) Δ 8-10 Crows Δ
4-6 Juncos (S) Δ 3-4 Jays (S) Δ
15-20 White-throats (S) Δ 20-25 Grackles (S) Δ
30-40 C. Waxwings 6-10 Red-wings (S) Δ
10-15 Robins (S) 1 Cowbird (S)
15-20 Cardinals (S) Δ 40+ Starlings Δ
2-3 Mockers (S) Δ 10-15 House Sps. (S)
2-3 Red-bellies Δ 2 Song Δ
2-3 Downys Δ 1 C. Wren (S)
1-2 Hairys Δ 8 Goldfinches Δ (S)
1 Thrasher (S) Δ 4-5 Chickadees (S) Δ
* 250 Whistling Swans ✓ 5 Titmice (S) Δ
1 Flicker (S) 2 Nuthatches (S)
1 Killdeer 500± { Herring Gulls / Ring-b.
2 Bluebirds (S) 1 Field Sp. (S)
* 1 Red-shoulder ~~2 Bluebirds~~ (S)
* 1 Red-tailed

✓

2 House Finches ♂♀ Δ 2 TVs
✓ 1 Woodcock (6:40 P.M. wing-twittering)

✓ 300± C. Geese, low SE-NW
8:30 A.M.

100 SE-NW
Plus - unseen flocks to East at

"Large flock" reported over Clifton about 9:30 A.M.

✓ 250 Wh. Swans in V- formation, SE-NW -

3-11-80 Tues. 32° - 51°
Few small clouds; barest skim of ice on bird-baths; wind 5:00-6:30 A.M. gusting to perhaps 40 mph. - then 20-35, N - then NW in P.M.

2-3 White-crowns
4-5 Juncos
15-20 White-throats
30+ C. Waxwings
40-50 Robins
15-20 Cardinals
2-3 Mockers
2 Flickers
2-3 Red-bellies
3 Downys
30 {Herring Gulls
{Ring-b. "
1 Towhee
(*) 1 Red-shoulder
1 Thrasher

6-10 Doves
7-8 Crows
2-3 Jays
30-40 Grackles
40-50 Red-wings
40+ Starlings
10-15 House Sps.
2 Song "
1 C. Wren
4-6 Goldfinches
4-5 Chickadees
4-5 Titmice
2 Nuthatches
TTV

3-12-80 Wed. 26° - 38°
High, hazy clouds; wind NE, 10-20 mph., moving to West - abating to 5-10 by 4:00. Overcast in aft.

4-5 White-crowns
4-6 Juncos
15-20 White-throats (s)
20+ C. Waxwings
1 Towhee ♀
40-50 Robins (s)
15-20 Cardinals (s)
2-3 Mockers (s)
3 Red-bellies
3 Downys + 1♂ 2♀
1-2 Hairys ♂
1 Meadowlark (s)
1-2 Flickers
2 Bluebirds
1 TV
1 Thrasher

↓ 8-10 Doves (s)
7-8 Crows
2-4 Jays
20-30 Grackles (s)
5-6 Red-wings (s)
1-2 Cowbirds (s)
40+ Starlings
10-15 House Sps.
2 Song " (s)
1 C. Wren (s)
5 Goldfinches (s)
4-5 Chickadees (s)
4-5 Titmice (s)
2 Nuthatches
1 Killdeer
1 Field Sp. (s)

✓ 1 Gr. Horned Owl (c).
✓ Two immature White-crowns
✓ C. Geese 6:20 PM (grassen)
* 1000 + Ring-b. & Herring Gulls at Landfill

3-13-80 Thurs. 27° - 37°
Snow began about 4:00 A.M.
- light dusting by 4:30 -
mixed with sleet beg. 7:15 A.M.
Sleet, heavy at times, turning to
rain mid-aft. - freezing on
everything - Wind NE - 10-20 mph.
Rain ending about 9:00 P.M. - snow later
Precip. = 1.11"
4-6 White-crowns Δ 8 Doves 6 Δ
3-4 Juncos Δ 7-8 Crows
40-50 White-throats Δ 2-4 Jays Δ
1 Towhee ♀ Δ 220+ Grackles Δ
20+ Robins 10-15 Red-wings 3♀ Δ
15-20 Cardinals Δ 1 Cowbird Δ
2-3 Mockers Δ 30-40 Starlings 1-2 Δ
1 Pil. Woodpecker 10-15 House Sps Δ
2 Flickers 2-3 Song " Δ
3 Red-bellies Δ 1 C. Wren (s)
3 Downys Δ 5-6 Goldfinches Δ
2 Hairys ♀♂ Δ 4-5 Chickadees Δ
1 Thrasher Δ 4-5 Titmice Δ

~~Hairy ♂~~ 2 Nuthatches 1 Δ
* 1 Rusty Blackbird Δ 2:10 - 2:25
√ 2 House Finches 2 ♀ Δ

Power went off 5:45 P.M. -
throughout much of area -
great fall of trees, limbs, &
power lines - Temp. inside
house = 53" this A.M.

3-14-80 Fri. 31° – 44°
Snow last night (1" or so) – added to ice – everything heavily coated – many tree limbs and portions of trees are down – heavy overcast – occ. bit of very weak sunshine – wind N E, 5-40 mph. Mostly sunny in aft.

3-4 White-crowns (s) △ 6-10 Doves △
3-4 Juncos (s) △ 7-8 Crows
15-20 White-throats (s) △ 2-4 Jays △
15-20 C. Waxwings 40-50 Grackles △
4-6 Robins 8-10 Red-wings △
15-20 Cardinals △ 40+ Starlings △
2-3 Mockers △ 10-15 House Sps. △
1 Pil. Woodpecker 2-3 Song Sps. △
3 Red-bellies △ 1 C. Wren
3 Downys △ 4 Goldfinches △
2 Hairys ♂♀ △ 4-5 Chickadees △
20-30 Ring-b. Gulls 4-5 Titmice △
1 Killdeer 2 Nuthatches
1 Thrasher △ 1 Towhee ♀ △
3-4 Herring Gulls 1 Field Sp. (s)

3-15-80 Sat. 33° – 53°
To Charlottesville – Board Mtng. – away 7:40 A.M. – 6:30 P.M. – presented Claire's Nomination slate – Great day!
Usual birds – Plus – Woodcock about 6:40 P.M. – wing-twittering over drive and Vazquez' meadow –

Power came on 12:40 P.M. – off since 5:45 Thursday

3-16-80 - Sun. 27° - 61°
Cloudless - wind SSE
5-15 mph. -

3-5 White-crowns (S) 8-10 Doves
3-4 Juncos (S) 9-8 Crows
15-20 White-throats (S) 2-3 Jays
2 Bluebirds, (S) 100+ Grackles
15-20 C. Waxwings 8-10 Red-wings
8-10 Robins 40+ Starlings
15-20 Cardinals 10-15 House Sps.
2-3 Mockers 2-3 Song Sps.
3 Red-bellies 1 C. Wren
3 Downys 4-5 Goldfinches
1 Kestrel 4-5 Chickadees
(*) 1 Red-shoulder 4-5 Titmice
2 Flickers 2 Nuthatches
* 2 Mallards at Pond 4 TVs

Opossum

✓ 1 Gr. Blue Heron to Pond 4:40 PM
~~150~~ 300+ C. Geese ✓
1 Woodcock - display 6:49 PM - on
✓ unseen (large) flock of
C. Geese to East (S-N) about
6:00 P.M. - flock of at
least 150 to West (S-N) at
6:10 P.M. - and about 150
S-N at 6:55 P.M.

3-17-80 Mon. 52° - 59°
overcast; wind S, 10-25 mph. -
gusty. Intermittent light
drizzle A.M. to

4-6 White-crowns (S) 8-10 Doves
4-6 Juncos (S) 7-8 Crows ✓
15-20 White-throats (S) 2-4 Jays
2 Bluebirds (S) 100+ Grackles (S)
1 Towhee ♀ 15-20 ~~6-8~~ Red-wings (S)

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✓

500+ Robins (S)	40+ Starlings
15-20 Cardinals (S)	10-15 House Sps.
2-3 Mockers (S)	2-3 Song Sps. (S)
1-2 Flickers	1 C. Wren (S)
3 Red-bellies	4-6 Goldfinches (S)
3 Downys	4-5 Chickadees (S)
1 Hairy (S)	4-5 Titmice (S)
1 Killdeer	2 Nuthatches (S)
1 Thrasher	1 Meadowlark (S)
5-10 Ring-b. Gulls	✓ 2 Field Sps. (S)
⊛ 1 Sharp-shin	3-4 ~~2-3~~ Cowbirds (S)
✓ 2 Rusty Blackbirds (S)	

✓ Away - 1 P.M. - 4:30 P.M.

Crows carrying nesting material - as was one on Sat. on way to Charlottesville.

Science Mag 21 Sept. 1979

Am. Assoc. for the Advancement of Science - pg. 1282

"Sociobiology of Bank Swallows: Reproductive Strategy of the Male":

abstract: "Male bank swallows pursue a mixed reproductive strategy. As previously documented, they form monogamous pair bonds with females with whom they will share parental duties of nest-building, incubation, and feeding of the young. In addition, however, they routinely seek promiscuous copulation with other females, both before and after pair bonding."